

# BIOKET 26

17 - 19 MARCH, 2026

FRIBOURG, SWITZERLAND 

## PROGRAM 2026

Get ready to take your  
**bio-based endeavors to new heights**

**Be part of this Change!**

 bioket.tech

Organized by

 **BIOECONOMY  
FOR CHANGE**

In partnership with

**FRIBOURG**  
Land of values

### DAY 1 | MARCH 17 (Tue)

8:30 AM  
9:30 AM B2B MEETINGS

9:30 AM  
1:00 PM OPENING CEREMONY  
KEYNOTE SESSION 1

1:00 PM  
2:00 PM NETWORKING BREAK

1:30 PM  
3:35 PM WKS 1  
STARTUP PITCH

WKS 2

B2B MEETINGS

3:35 PM  
4:05 PM BREAK

4:05 PM  
5:40 PM STARTUP PITCH  
WKS 3  
KET 1  
B2B MEETINGS

6:00 PM  
7:30 PM CHEESE & WINE COCKTAIL

### DAY 2 | MARCH 18 (Wed)

8:30 AM  
10:00 AM SCALING-UP  
FACILITIES PITCH

B2B MEETINGS

10:00 AM  
12:30 PM KEYNOTE SESSION 2  
CHRISTIAN PATERMANN AWARDS

12:30 PM  
2:00 PM NETWORKING BREAK

2:00 PM  
3:35 PM KET 2  
KET 3  
KET 4  
STARTUP WKS  
B2B MEETINGS

3:35 PM  
4:05 PM BREAK

4:05 PM  
5:40 PM KET 5  
KET 6  
KET 7  
STARTUP WKS  
B2B MEETINGS

6:00 PM  
7:30 PM COCKTAIL

8:00 PM  
10:30 PM GALA DINNER

### DAY 3 | MARCH 19 (Thu)

8:30 AM  
10:30 AM B2B MEETINGS

9:00 AM  
10:30 AM KET 8  
KET 9  
KET 10  
STARTUP WKS  
B2B MEETINGS

10:30 AM  
11:00 AM BREAK

11:00 AM  
1:00 PM KEYNOTE SESSION 3

1:00 PM  
2:00 PM LUNCH BREAK

1:30 PM  
5:30 PM SITE VISIT 1  
SITE VISIT 2  
SITE VISIT 3

## DAY 1 | MARCH 17 (Tue)

**8:30 AM - 9:30 AM** | Registration & B2B Meetings

**9:30 AM - 12:00 PM | BIOKET's OPENING SESSION:** The Perfection Trap: Are We Setting the Bar Too High for Bio-Based Innovation?

**12:00 PM - 1:00 PM | BIOKET's OPENING SESSION:** Mapping the Future of Sustainable Chemistry: From Building Blocks to Applications

**1:00 PM - 2:00 PM** | Networking Break

**1:30 PM - 2:50 PM | Workshop 1:** Start-ups & Industries: What Does It Take for an Industrial Player to Adopt a New Technology from a Start-up?

**2:00 PM - 3:35 PM** | B2B Meetings

**2:00 PM - 3:35 PM | Workshop 2:** Engineering agility: how do we de-risk the bio-based innovation?

**2:50 PM - 3:35 PM** | Startup Pitch Session 1

**3:35 PM - 4:05 PM** | Coffee Break

**4:05 PM - 5:40 PM** | B2B Meetings

**4:05 PM - 5:40 PM** | Startup Pitch Session 2

**4:05 PM - 5:40 PM | Workshop 3:** Shaping LCA4BIO: A Co-creation Workshop on Life Cycle Sustainability Assessment Methods

**4:05 PM - 5:40 PM | Technical Session 1 | KET 01:** KETs driving innovation from Lab to Scale

**6:00 PM - 7:30 PM** | Cheese & Wine Cocktail

## DAY 2 | MARCH 18 (Wed)

**8:30 AM - 10:00 AM** | Registration & B2B Meetings

**8:30 AM - 9:45 AM** | Scaling-up Facilities Pitch

**10:00 AM - 12:00 PM | Keynote Session 2:** From Chemical Intermediates to Biobased Pharma Ingredients – Unlocking Biomanufacturing's Potential

**12:00 PM - 12:30 PM** | Christian Patermann BIOKET Bioeconomy Award

**12:30 PM - 2:00 PM** | Networking Lunch

**2:00 PM - 3:35 PM** | B2B Meetings

**2:00 PM - 3:35 PM | Startup Workshop 1:** Fundraising Reality Check

**2:00 PM - 3:35 PM | Technical Session 2 | KET 02:** KETs Driving Next-Gen Biocatalysis: From Enzyme Design to Deployment

**2:00 PM - 3:35 PM | Technical Session 3 | KET 03:** KETs for Scalable Alternative Food Production: From Microalgae to Cell Biomass

**2:00 PM - 3:35 PM | Technical Session 4 | KET 04:** KETs Enabling Smarter Bioeconomy Decisions: Metrics, Models & Impact

**3:35 PM - 4:05 PM** | Coffee Break

**4:05 PM - 5:40 PM** | B2B Meetings

**4:05 PM - 5:40 PM | Startup Workshop 2:** Funding Pathways for Start-ups in Europe and Switzerland: Research Grants and Financial Support Programs

**4:05 PM - 5:40 PM | Technical Session 5 | KET 05:** KETs engineering the future of biomanufacturing

**4:05 PM - 5:40 PM | Technical Session 6 | KET 06:** KETs Driving Circular Pathways from Biomass to Chemicals

**4:05 PM - 5:40 PM | Technical Session 7 | KET 07:** KETs Driving Nature-Inspired Routes to Advanced Sustainable Materials

**6:00 PM - 7:30 PM** | Cocktail

**8:00 PM - 10:30 PM** | Gala Dinner

## DAY 3 | MARCH 19 (Thu)

**8:30 AM - 10:30AM** | B2B Meetings

**9:00 AM - 10:30 AM | Technical Session 8 | KET 08:** KETs for Smarter Downstream Processing

**9:00 AM - 10:30 AM | Technical Session 9 | KET 09:** KETs for Smarter Biofuel Pathways: Pyrolysis, HVO & Beyond

**9:00 AM - 10:30 AM | Technical Session 10 | KET 10:** KETs for Circular Design: From Waste Streams to Functional Materials

**9:00 AM - 10:30 AM | Startup Workshop 3:** Develop Your Sales with Corporates

**10:30 AM - 11:00 AM** | Coffee Break

**11:00 AM - 1:00 PM | Keynote Session 3:** Reprogramming Nature: Biosolutions for the Future of Food

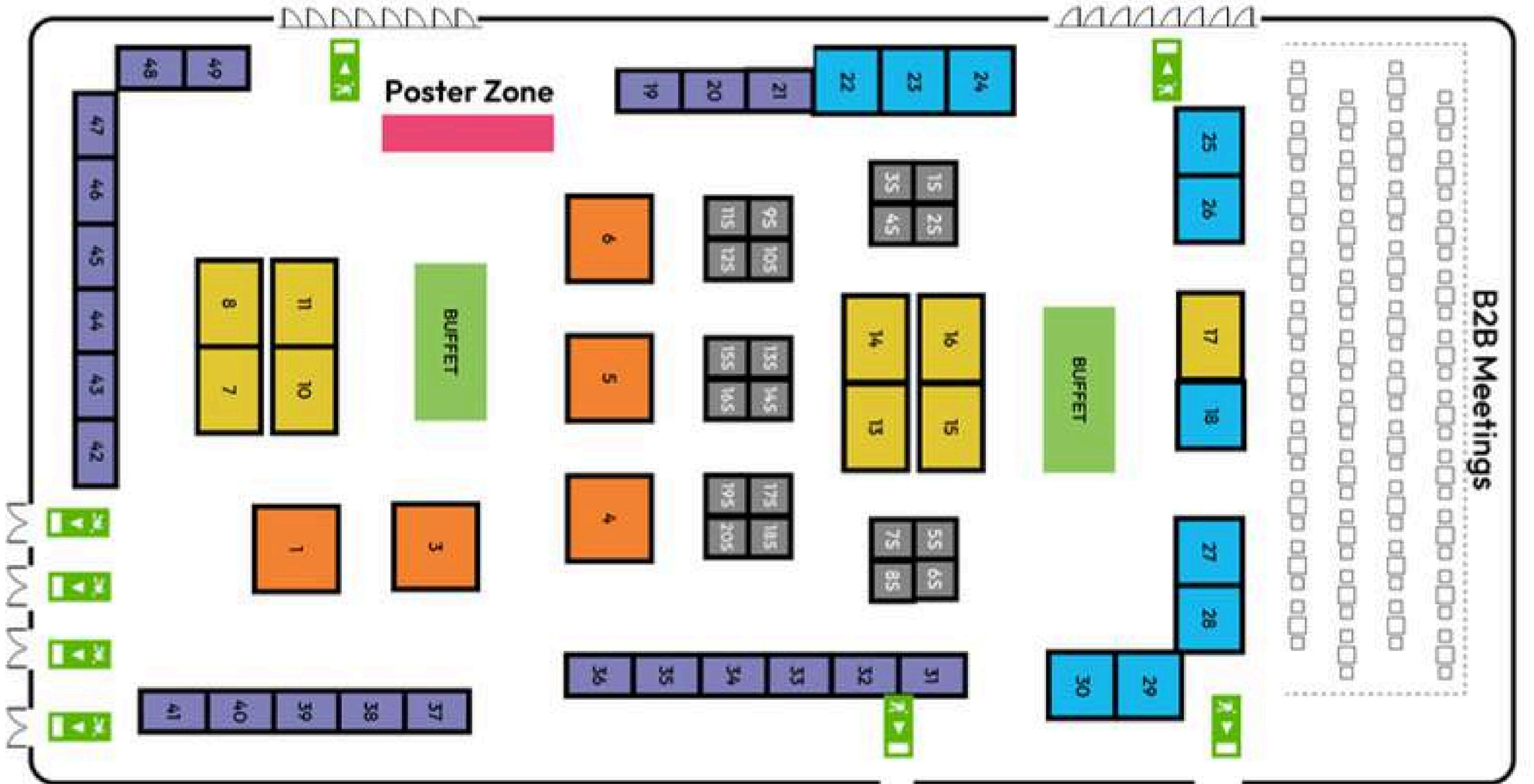
**1:00 PM - 2:00 PM** | Lunch Break

**1:30 PM - 5:30 PM | Site Visit 1:** Liebherr Visit - Insights into pioneering technologies

**1:30 PM - 5:30 PM | Site Visit 2:** Powered by FriUp

**1:30 PM - 5:30 PM | Site Visit 3:** AgriCo Site Visit

# FLOORPLAN



Bronze



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Startup

Meet our  
Sponsors



- 1 B4C + LCA4BIO
- 3 ARD + Genopole
- 4 Bright
- 5 Fri Up
- 6 De Smet
- 7 Fribourg, the place to grow
- 8 Liebherr
- 10 Bühler
- 11 Seqens
- 13 Région HDF
- 14 Région Grand-Est
- 15 Beckman Coulter
- 16 BioAlps + CleantechAlps
- 17 Axens
- 18 BlueSens
- 19 Hamilton
- 20 ENCO
- 21 Univ. Reims / Exebio
- 22 Nestlé
- 23 BioInvest / Magfi
- 24 Fujiwara
- 25 Frewitt
- 26 Applexion

- 27 IPSB
- 28 Michelin Resicare
- 29 LIST
- 30 TAMI
- 31 iMean
- 32 Axel'One
- 33 Bgene
- 34 Hydroair
- 35 TWB
- 36 Clextral
- 37 Inevo
- 38 Stella
- 39 Eurodia
- 40 3BCar
- 41 MiAlgae (Award 2025)
- 42 RISE
- 43 GEA
- 44 CPE Lyon
- 45 Ferments du Futur
- 46 Lebas Industries
- 47 SCI Bioprocessing
- 48 Elements Advisory
- 49 TFTAK

## Startup Village

- 1 S Algiecel A/S
- 2 S Niskus Biotec
- 3 S AmphiStar
- 4 S Fermelanta, Inc
- 5 S Pyran, Inc
- 6 S New Wave Biotech
- 7 S Primogene GmbH
- 8 S Gaia Tech
- 9 S Profilia
- 10 S Cosaic
- 11 S High Tech Binders
- 12 S CellTec Systems GmbH
- 13 S LABMaiTE GmbH
- 14 S Bionomous
- 15 S Bloom Biorenewables SA
- 16 S Seprify
- 17 S Aleph Farm
- 18 S InSpek
- 19 S Lignopure

We are  
**PLATINUM** sponsors

**BIOKET 26**  
FRIBOURG 

 **BRiGHT**

 **DE SMET**  
ENGINEERS & CONTRACTORS

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& INNOVATION

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Applexion  
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understanding bioprocesses

**FREWITT** 

 Microorganism Industry  
**Fujiwara**

  
GENOPOLE

IPSB  
LAPORTE

LUXEMBOURG  
INSTITUTE OF SCIENCE  
AND TECHNOLOGY | **LIST** 

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**MICHELIN**  
RESICARE

  
**Nestle**  
Good food, Good life

**SARTORIUS**

**TAMI**   
INDUSTRIES  
**SIVA**  
Advanced filtration unit

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**BRONZE** sponsors



# BIOKET 26

FRIBOURG 



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# BIOKET 26

17 - 19 MARCH, 2026  
FRIBOURG, SWITZERLAND 

## WELCOME TO DAY 1 MARCH 17

 [biket.tech](https://biket.tech)

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## Opening Ceremony

9:30AM - 10:00AM

Halle 4C (2<sup>nd</sup> Floor)



Chairman

**Michel Mangion**

President



**Bruno Marmier**

President of the Grand Council of the Canton of Fribourg



GRAND CONSEIL  
GROSSER RAT

ETAT DE FRIBOURG  
STAAT FREIBURG



**Jerry Krattiger**

Managing Director

ETAT DE FRIBOURG  
STAAT FREIBURG  
STATE OF FRIBOURG

Promotion économique PromFR  
Wirtschaftsförderung WIF  
Development Agency FDA

FRIBOURG, THE PLACE TO GROW!



**Wolfgang Ranfft**

Global Commercial Director



**10:00AM - 12:00PM** **Keynote Session 1** — **Halle 4C (2<sup>nd</sup> Floor)**

**The Perfection Trap: Are We Setting the Bar Too High for Bio-Based Innovation?**



**Olivier Rolland**  
Global Director  
Strategic Initiatives  
**L'Oréal  
Research &  
Innovation**

**Chairman**



**Philippe Mengal**  
CEO  
**BIC**

**Chairman  
Round Table**



**Annie Tsong**  
Senior VP of Product  
Development and  
Corporate Affairs  
**Amyris**

**Keynote  
Speaker**



**Christoph Kobler**  
VP Head of RD&I  
Biotechnology  
**Evonik**

**Keynote  
Speaker**

**Round Table**



**Veronica Breckenridge**  
Founder &  
Managing  
Partner  
**First Bright  
Ventures**



**Ed de Jong**  
VP Development  
**Avantium**



**Matthew Berdy**  
Global  
Commercial  
Director  
**Sustainea**



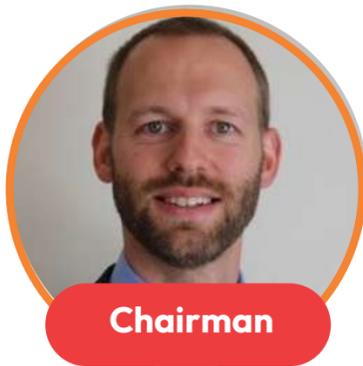
**Dr. Gerd Unkelbach**  
Director Molecular  
Bioproducts R&D  
**UPM Biochemicals**



**Eva Wilke**  
VP White  
Biotechnology  
Research  
**BASF**

**10:00AM - 12:00PM** **Keynote Session 1** — **Halle 4C (2<sup>nd</sup> Floor)**

**The Perfection Trap: Are We Setting the Bar Too High for Bio-Based Innovation?**



**Olivier  
Rolland**

Global Director  
Strategic Initiatives

**Chairman**

**L'Oréal  
Research &  
Innovation**



**Christophe  
Dardel**

Strategic  
Partnerships Director

**Keynote  
Speaker**

**Afyren**



**Cheryl  
Cui**

Founder and CEO

**Keynote  
Speaker**

**Bota Biosciences**

**12:00PM - 1:00PM**

**Keynote Session 1** — **Halle 4C (2<sup>nd</sup> Floor)**

**Mapping the Future of Sustainable Chemistry: From Building Blocks to Applications**



**Florent Allais**

Director

**Chairman**

**URD-ABI**  
**AgroParisTech**



**Théo Guérin**

Consultant in Green Chemistry

**Keynote Speaker**

**Bioeconomy For Change**



**Massimo Portincaso**

CEO & Cofounder

**Keynote Speaker**

**Arsenale BioYards**



**Marilyne Hurtado**

Business Developer Innovative Molecules

**Keynote Speaker**

**Michelin Resicare**

**1:30 PM - 2:50 PM**

**Workshop 1** ————— **Salle 3E (1<sup>st</sup> Floor)**

## **Start-ups & Industries: What Does It Take for an Industrial Player to Adopt a New Technology from a Start-up?**

This session brings together leading industrial players and start-ups to reveal how companies adopt new technologies. It includes industry talks, collaboration testimonials, and an open discussion on criteria, processes, key learnings, and best practices for building successful innovation partnerships.

1. Industry Presentations

**Givaudan**



**Nestlé** Good food, Good life

2. Start-up Testimonials

**BL°OM**



**Seprify**

MATERIALS

3. Panel Discussion

**For more information access: <https://bioket.tech/#program>**

**2:50 PM - 3:35 PM**

**Startup Pitch  
Session 1**

**Salle 3E (1<sup>st</sup> Floor)**

**Vertical AgriFood & Life Science**



**novobiom**



**For more information access: <https://bioket.tech/#program>**



**2:00 PM - 3:35 PM** **Workshop 2** ————— **Halle 4A (2<sup>nd</sup> Floor)****Engineering agility: how do we de-risk the bio-based innovation?**

De Smet Engineers & Contractors (DSEC) builds the ecosystem that transforms scale-up ambitions into industrial reality. As processes evolve and assumptions shift, they act as a strategic facilitator with an adaptive execution mindset and key contributions to early-stage development. Their approach is built for change! Their partnering approach de-risk start-up's and industrials investment decisions based on reliable CAPEX delivered before execution, contracted through EPCM, EP+CM, EPC or EPCM+ models.

**Fibenol****BL°OM****INTERIS**  
BIOTECHNOLOGY EXPERTS**GEA****TripleW<sup>3</sup>****For more information access: <https://bioket.tech/#program>**

**4:05 PM - 5:40 PM**

**Startup Pitch  
Session 2**

**Salle 3E (1<sup>st</sup> Floor)**

**Vertical Biomaterials**



BLUE OCEAN  
CLOSURES



VEGSKIN

Alterskin<sup>®</sup>

BLOOM

**Vertical Biochemicals**

AmphiStar  
BIOSURFACTANTS

  
Fermelanta

 **PYRAN**  
The 5-Carbon Company

 **Seprify**

 Celluol

**For more information access: <https://bioket.tech/#program>**



**4:05 PM - 5:40 PM** **Workshop 3** ————— **Halle 4A (2<sup>nd</sup> Floor)**

## **Shaping LCA4BIO: A Co-creation Workshop on Life Cycle Sustainability Assessment Methods**

This workshop will introduce LCA4BIO, a project developing improved and harmonized methodologies to assess environmental, social and economic impacts and circularity in bio-based systems. After presenting the project's goals and key innovations, participants will join an interactive co-creation session to share perspectives and insights.

Their contributions will guide the development of practical, user-oriented Life Cycle Costing (LCC) methodology and tool that support the sustainable growth of Europe's bio-based industry.



### **WORKSHOP FACILITATOR**

**Lucia Garcia Santos**

Head of R&D Projects Implementation at Contactica and coordinator of the LCA4BIO project

**For more information access: <https://bioket.tech/#program>**



**CHAIRPERSON**

**Magali Bischof**  
General Secretary  
BioAlps



**CHAIRPERSON**

**Eric Plan**  
General Secretary  
Cleantech Alps

**4:05 PM - 5:40 PM**

**KET 01**

**La Sarine (2<sup>nd</sup> Floor)**

## KETs driving innovation from Lab to Scale



**Accelerating Biobased Product  
Development via Electrosynthesis  
and Electrodialysis: Case Studies  
from Lab to Pilot Scale**

**Anthony Garcia**  
CEO | Innoverda



**Scaling carbon removal:  
Lessons from HTC and  
subsurface storage**

**Timothy Baars**  
Head of Storage | Recoal AG



**Patent to Plant**

**Julien Thiel**  
CEO | Deasyl



**Building the Pathway: Scaling  
Myco valorisation from Lab to  
Pilot—Onsite Modular Solutions  
for Whiskey Pot Ale to Food-  
Grade Protein**

**Vincent Farrelly**  
CEO | Niskus Biotec



**CCU-to-Food: Scaling-  
up Industrial CO2  
Fermentation**

**Diego Grumbach**  
CTO | Solmeya

**BIOKET 26**  
FRIBOURG 

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**DAY 1**  
**March 17 (Tue)**

*join us!*

**CHEESE & WINE COCKTAIL**

**6:00 PM - 7:30 PM**

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# BIOKET 26

17 - 19 MARCH, 2026  
FRIBOURG, SWITZERLAND 

## WELCOME TO DAY 2 MARCH 18

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**8:30 AM - 9:45**

**Scaling-up Facilities  
Pitch Session**

**Halle 4A (2<sup>nd</sup> Floor)**



**Plant cell culture at LIST: the green engine of tomorrow**

**Sylvain Legay**

Lead Researcher | LIST - Luxembourg Institute of Science and Technology



**Overcoming the pilot-plant valley-of-death when scaling-up cultivated food products**

**Erika Georget**

Managing Director | The Cultered Hub



**Bridging Lab and Industry with Scalable Fermentation Solutions**

**Marco Pistocchi**

General Manager | Biosphere S.r.l.



**SmartRoute™ to Biomanufacturing – Flexible Development and Scale-up of Biosolutions**

**Bor Klančnik**

BD manager | Acies Bio d.o.o.



**Processium, your process development partner**

**Flavio Benevides**

Strategic Development Director | Processium/Technip Energies



**Algae Bioprocesses Platform – R&D – CEA**

**Julie Person**

Industrial Partnership Manager for Algae R&D Platform | CEA - R&D Algae & Processes Platform

**8:30 AM - 9:45**

**Scaling-up Facilities  
Pitch Session**

**Halle 4A (2<sup>nd</sup> Floor)**



**VTT Pilots**

**Petri Ihalainen**

Customer Account Lead | VTT Technical  
Research Centre of Finland Ltd



**Scaling up continuous  
fermentation process**

**Guillaume Le Cloirec**

Sales Engineer | ATV- Technologies



**How to empower the  
industrialization of your  
process**

**Guillaume Lamy**

Commercial Director | ARD



**From Lab to Factory – How  
GEA Supports You in Scaling  
Your Biotechnological  
Processes**

**David Vorländer**

Application Manager New Food |  
GEA Liquid Technologies Germany  
GmbH



**From Lab to Fab:  
Accelerating Biobased  
Innovation**

**Rakesh Nair**

Business Development Manager | Bio  
Base Europe Pilot Plant



**From Discovery to  
Scale-Up: The Design  
for Manufacture  
Methodology**

**Chloe Howell**

Business Manager | Biocatalysis



**FOOD FAB LAB: de-  
risking scale-up**

**Marco Alves**

R&D Agrifood Manager | Tagus  
Valley

**10:00AM - 12:00PM** **Keynote Session 2** — **Halle 4C (2<sup>nd</sup> Floor)**

**From Chemical Intermediates to Biobased Pharma Ingredients: Unlocking Biomanufacturing's Potential**



**Katharina Fromm**  
Rector  
**University of Fribourg**

Chairwoman



**Roland Wohlgemuth**  
Professor, Chairman at ESAB and President at SKB  
**Lodz University of Technologies**

Keynote Speaker



**Charlotte Capelle**  
Business Development Manager  
**Sartorius**

Keynote Speaker



**Olli Kähkönen**  
Co-Founder/CEO/Chief Innovation Officer  
**Nordic Bioproducts Group**

Keynote Speaker



**Geoffrey Folie**  
Head of Internal Manufacturing  
**UCB**

Keynote Speaker

**Round Table**



**Guillaume Lamy**  
Commercial Director  
**ARD**



**Juliette Martin**  
Scientific Communication Manager  
**Seqens**



**Geoffrey Folie**  
Head of Internal Manufacturing  
**UCB**



**Marco Pellegrini**  
Bioeconomy Manager  
**CEFIC**



12:00 PM -12:30 PM

## Christian Patermann Bioket Bioeconomy Awards

*Meet the candidates*

**BLOOM**

 **Cherry Mic.**

 **COMPOSITE  
SCHOOL  
ACADEMY**

every **carbon**

**fyteko**  
The Science of Biopossible

 **GREEN  
Fusyon**

 **inSpek**

  
**MICHELIN**

 **pili**

 **Primogene**  
Ingredients for life

  
**RENATURE**  
Attractive Materials

**sustaineda**  
bioglycols

**TERAVENIR**  
LA JUSTE DOSE, JUSTE À TEMPS !

**1:00 PM – 2:00 PM**

## **POSTER PRESENTATION**

## **EXHIBITION AREA**



**Overcoming the scale-up challenge: developing a process to scale-up the synthesis and extraction of cellulose micro particles**

**Christophe Allemann**

Professor of Process Chemistry & Head of ChemTech | HEIA HES-SO//FR



**Valorization of Microalgae as a Source of Biomass and Renewable Energy**

**Michal Dabros**

Professor | HES-SO University of Applied Sciences and Arts Western Switzerland



**Pilot Scale-up Strategies for Biobased Acetal Monomers in High-performance Polymers**

**Sylvie Wigmans**

Doctoral student | HEIA-FR & EPFL



**An enzymatic strategy for the valorisation of corn processing by-products**

**Mingqin Li**

Senior researcher | Food Science, Adolphe Merkle Institute, University of Fribourg



**Valorization of Lignin Through Oxyalkylation and Maleation: A Step Toward Bio-Based Polymers**

**Ume Farwa**

Doctoral researcher | University of Helsinki



**Understanding Alkali Lignin Solubility Through Predictive Modeling**

**Hifza Rouf**

PhD researcher | University of Helsinki

**1:00 PM – 2:00 PM**

## POSTER PRESENTATION

## EXHIBITION AREA

**From lab to industry:  
Techno-Economic  
Assessment of lipase  
production using biowaste as  
carbon source using *Pichia  
pastoris***



**Ana Del Hierro Calvachi**

PhD candidate/ Junior Bioprocess  
Specialist | University College Dublin/  
Bionet

**Data driven optimization of  
*Paenibacillus polymyxa* EPS  
fermentation: Application of  
multistep DOEs and machine  
learning (logistic regression)**



**Jan Grundheber**

PhD candidate | TUM Technical University of  
Munich

**Unlocking reproducible, robust,  
and high-performance  
bioprocessing with yeast-  
derived bionutrients**



**Marie Schöpping**

R&D Technologist | Ohly GmbH

**PHAGRI: phages for  
agriculture**



**Maëlle Bochud**

Senior Academic Associate | Biofactory  
Competence Center (BCC)

**Advancing Fungal Discovery into a  
High-Rate Biomanufacturing  
Process: Food-Grade DoE-  
Optimised *Neurospora* sp. F20595  
and Circular Production Strategies**



**Anuj Lipton**

Senior scientist | A\*STAR's Singapore Institute of  
Food and Biotechnology Innovation (SIFBI)

**Robust industrial biocatalysts  
with peroxygenase, phenol-  
oxidase or furfuryl-oxidase  
activities from bacterial and  
fungal hosts**



**Marta Pérez-Boada**

Project Manager | Center for Biological  
Research Margarita Salas, CSIC

**1:00 PM – 2:00 PM**

**POSTER PRESENTATION**

**EXHIBITION AREA**



**Extremophilic Microalgae in a Floating Light Ball Reactor (FLBR®): Cultivation of thermophilic PCC 6715 and hypersaline Dunaliella salina**

**Patrick Maurer**

Scientific employee | htw saar - University of applied sciences



**Cultivation of the Microalgae Phaeodactylum tricornutum in a Floating Light Ball Reactor (FLBR®) on Different Scales**

**Mutlu Yildirim**

Scientific employee | htw saar - University of applied sciences



**Precision Phage Production Using Impedance Flow Cytometry Technology**

**Carmen Jungo Rhême**

professor and director of the Biofactory Competence Center, leads bioprocess and phage therapy research | HEIA-FR / HES-SO Fribourg



**Real-time monitoring of Escherichia coli cultures using spectroscopic methods**

**César-Enrique Rodriguez Fano**

PhD candidate in Biochemistry | University of Lyon



**2:00 PM - 3:35 PM**

**KET 02**

**Halle 4A (2<sup>nd</sup> Floor)**

## KETs Driving Next-Gen Biocatalysis: From Enzyme Design to Deployment



**Advancements and open challenges in the development of biocatalytic processes**

**Volker Sieber**  
Professor | TUM



**State-of-the-art technology for discovery and engineering of industrial enzymes**

**Laura Tiessler**  
Senior Scientist | Zymvol



**Enzymatic process for ADAME production**

**Arthur Cornet**  
Biocatalysis Leader | Arkema



**Enxylascope Project: Enzymatic Deconstruction of Xylan Biomass for Novel High-Value Cosmetic Ingredients**

**Arnaud Masselin**  
Biocatalysis Leader | Seppic



**Lipase-Catalyzed Synthesis of Biosourced Estolides from Hydroxylated C18 to C22 Fatty Acids**

**Juliette Martin**  
Scientific Communication Manager | Seqens



**From Catalysts to Biocatalysts: Leveraging advanced materials expertise to scale up biocatalyst production**

**François-Xavier Chiron**  
New Business Development Manager:  
Advanced Materials & Catalysts | Technip Energies



**CHAIRPERSON**  
**Damien Paineau**  
CEO  
Ferments du Futur

**2:00 PM - 3:35 PM**

**KET 03**

**Salle 3E (1<sup>st</sup> Floor)**

## **KETs for Scalable Alternative Food Production: From Microalgae to Cell Biomass**

**Mechanical cell disruption of the green microalga *Chloridium saccharophilum* using the bead mill NanoWitt-100 (Frewitt Ltd.): Effects on protein digestibility and aroma profile**



**Daniel Kurpan**

Post-doctoral researcher | Agroscope

**Scalable animal-cell biomass production using food-grade media: a cost-optimized bioprocess for the circular bioeconomy**



**Didier Toubia**

Co-Founder & CEO | Aleph Farm

**Synthetic Microbial Ecology for Plant-Based Fermentation and Functional Food Design**



**Julien Tap**

Research scientist | INRAE

**Capsule based cell expansion: A new route to produce large amounts of adherently growing cells**



**Daniel Ropoport**

Senior Scientist | CellTec Systems GmbH

**Riboflavin production through solid state fermentation on agro-industrial byproducts and building of the associated mechanistic model for further scale-up**



**Quentin Carboue**

Researcher in biobased transitions | URD ABI - AgroParisTech

**PROSPECTIVES Project: Unlocking Microalgae Potential as a Sustainable Alternative Protein Source**



**Julie Person**

Industrial Partnership Manager for Algae R&D Platform | CEA - R&D Algae & Processes Platform





**CHAIRPERSON**

**Aïcha El khamlichi**  
Scientific Coordinator –  
Bio-based Products and  
Biofuels | ADEME

**2:00 PM – 3:35 PM**

**KET 04**

**La Sarine (2<sup>nd</sup> Floor)**

## **KETs Enabling Smarter Bioeconomy Decisions: Metrics, Models & Impact**



**How environmental assessments can support the development of a sustainable bioeconomy?**

**Aïcha El khamlichi**

Scientific Coordinator – Bio-based Products and Biofuels | ADEME



**Monitoring Systems of the European Bioeconomy and its potential use to develop the Irish Bioeconomy**

**Jorge Diaz Huerta**

Bioeconomy researcher | Teagasc



**Life Cycle Assessment of Upcycled Sophorolipids Reveals Significant Environmental Advantages**

**Sofie Lodens**

Product and Project Manager | AmphiStar BV



**SYMBA: Smart Symbiosis and AI-Driven Process Modelling for a circular bioeconomy**

**Antonietta Pizza**

Head of EU Projects Unit | Enco srl



**Modeling the Socioeconomic Impacts of Logistics in the Açai (Euterpe spp.) Supply Chain in Codajás, Amazonas: A diagnosis of current logistics routes and infrastructure**

**Willians Silva**

Researcher | UFAM



**High-throughput microbioreactors -- driving smarter bioeconomy decisions and impact**

**Sebastian Blum**

Market Development Manager | Beckman Life Sciences



**2:00 PM - 3:35 PM****Startup  
Workshop 1****Le Chalet (1<sup>st</sup> Floor)****Fundraising Reality Check**

The objective of the workshop is to review your fundraising approach to ensure it is consistent with your overall strategy, and that it is realistic and aligned with current investor expectations. It helps start-ups assess the plausibility and coherence of their fundraising plans in light of current market standards. Through a combination of guided discussions and AI-based analytical tools, the start-ups gain a clear and factual understanding of how their fundraising compares to investor expectations.

**WORKSHOP FACILITATOR****Brigitte Baumann**

CEO and Founder | efino.io

**For more information access: <https://bioket.tech/#program>**



**4:05 PM - 5:40 PM**

**KET 05**

**Halle 4A (2<sup>nd</sup> Floor)**

## KETs engineering the future of biomanufacturing



**Industrial Scalable Platform  
Technologies for Microalgae  
Cultivation**

**Timo Gehring**

Professor of bio- and environmental  
process engineering | htw saar - university  
of applied sciences



**Innovation with Solid-State  
Fermentation**

**Tadashi Hara**

Solid-State Fermentation Project  
Manager & Section Chief | Fujiwara  
Techno-Art Co.



**Chip-based multi-parameters  
sensor for real-time  
bioprocess monitoring,  
enabling AI-driven  
optimization in manufacturing**

**Jérôme Michon**

CEO | InSpek



**Exploitation of model-based  
methods in  
biomanufacturing**

**Jan Niklas Pauk**

Senior Research Scientist | Competence  
Center CHASE



**Embedding  
Biomanufacturing in a  
Sustainable Society: Smart,  
Circular, and Responsive  
Biobased Production Systems**

**Maarten Verhoeven**

Scientist | Wageningen University and Research



**CHAIRPERSON**  
**Alois Kindler**  
Research Fellow  
BASF

**4:05 PM - 5:40 PM**

**KET 06**

**Salle 3E (1<sup>st</sup> Floor)**

## KETs Driving Circular Pathways from Biomass to Chemicals



**Advancing Agrochemical Sustainability with CTO-Derived Innovations: SYLVASOLV™ Oils, Rosin Esters, TOFA, and DTO**

**Sara Frattini**

Business Development Manager | Kraton Chemical



**Purification of hydrolysates from lignocellulose for fermentation of platform chemicals**

**Arne Gröngröft**

Group Leader Separation Technologies and Process Design | DBFZ - Deutsches Biomasseforschungszentrum



**Production of biochar, gas and bio-oil by biomass pyrolysis: overview of technologies, pilot plants and products quality**

**Anthony Dufour**

Research director | CNRS Nancy



**A Step Further in Circular Economy: Seeking higher responsibility in Alkyl PolyGlucoside surfactants**

**Florent Bouxin**

R&D project Leader | Seppic



**From Nature's Protection System to Industrial Performance: Lignopure's approach to market ready lignin**

**Joana Gil Chavez**

CEO | Lignopure



**FERTIMANURE – Circular Solutions for Manure Valorization into fertilizers**

**Audrey Lallement**

Research engineer | Rittmo





**4:05 PM - 5:40 PM**

**KET 07**

**La Sarine (2<sup>nd</sup> Floor)**

## KETs Driving Nature-Inspired Routes to Advanced Sustainable Materials



**Bioinspired chemistry as entry to exclusive functional materials**

**Michael Richter**

Head of Department | Fraunhofer - Institute for Interfacial Engineering and Biotechnology IGB



**Valorizing Lignin into Fully Renewable Epoxy Matrices: A Biomass-Conversion Route for Sustainable Composites**

**Aina Pérez Nakai**

PhD Researcher | VITO (Vlaamse Instelling voor Technologisch Onderzoek)



**Exploitation of branched sugar structures for coating and fibre applications**

**Stefan Hanstein**

Project manager | Fraunhofer IWKS



**Tailor-made biocatalysts for the sustainable conversion of lignins from the paper pulp industry into bio-based products**

**Susana Camarero**

Scientific Researcher | Center of Biological Research Margarita Salas (CIB), CSIC



**Drop-in carbohydrate-based diol for recyclable and low-toxicity thermosets**

**Maxime Hedou**

PhD student | HES-SO Fribourg



**4:00 PM - 5:40 PM**

## **Startup Workshop 2**

**Le Chalet (1<sup>st</sup> Floor)**

### **Funding Pathways for Start-ups in Europe and Switzerland: Research Grants and Financial Support Programs**

This workshop provides a comprehensive overview of the funding landscape available to start-ups in Europe and Switzerland.

The access to European research funding opportunities may be presented by Bio-Invest Europe, offering concrete guidance on how start-ups can secure non-dilutive funding.



**WORKSHOP FACILITATOR**

**Filippo Giancarlo Martinelli**

Director | Magfi Ltd "Medsea"



**WORKSHOP FACILITATOR**

**Ana Hösli**

Supervisor Start-up Coaching | InnoSuisse

**For more information access: <https://bioket.tech/#program>**



**BIOKET 26**  
FRIBOURG 

Organized by  
 **BIOECONOMY  
FOR CHANGE**

**DAY 2**  
**March 18 (Wed)**

*join us!*

## **NETWORKING COCKTAIL**

**6:00 PM - 7:30 PM**

Sponsored by



## **GALA DINNER**

**8:00 PM - 10:30 PM**

Sponsored by



**Local:** Salle Grenette  
Place de Notre-Dame 4  
1700 Fribourg



# BIOKET 26

17 - 19 MARCH, 2026  
FRIBOURG, SWITZERLAND 

## WELCOME TO DAY 3 MARCH 19

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**9:00 AM - 10:30 AM**

**KET 08**

**Halle 4A (2<sup>nd</sup> Floor)**

## KETs for Smarter Downstream Processing



**Upstream Decisions,  
Downstream Efficiency:  
Designing Bioprocesses  
for Food Applications**

**Ranno Nahku**  
R&D Director in Bioprocesses | TFTAK



**Driving industrial  
performance through  
digitalization: the Impact of  
Run 4.0 and Perform 4.0 in  
industrial purification**

**Alexandra Gimbernat**  
Technology Product Manager | Applexion



**Smart Separation:  
Advanced Membrane  
Filtration for Complex  
Bioprocesses**

**Joao Andre**  
Business Development Manager |  
Kovalus Separation Solutions



**Industrial Scale-Down Strategies  
for Robust Bioproduct Recovery  
and Purification in  
Biomanufacturing**

**Ramnik Singh**  
Senior Applications Manager, Bio-Chemicals |  
Sulzer



**Biomass valorization:  
Technical solutions for  
lignocellulosic sugars  
purification and lignin  
recovery**

**Marie Chauve**  
Process Innovation Manager | Eurodia



**Bridging Lab to Industrial  
Scale: Smart GEA Separation  
Solutions for Bioprocess  
Intensification**

**Tore Hartmann**  
Senior Product Manager Biochemicals | GEA  
Westfalia Separator Group GmbH



**9:00 AM - 10:30 AM**

**KET 09**

**Salle 3E (1<sup>st</sup> Floor)**

## KETs for Smarter Biofuel Pathways: Pyrolysis, HVO & Beyond



**Towards Sustainable Biofuels:  
A Polyhydroxyalkanoate-  
Based Approach**

**Roger Marti**

Professor | Haute école d'Ingenieurs et  
d'Architectes de Fribourg



**Brazil's potential for  
renewable diesel: oilseed  
prioritization and process  
development for HVO  
production**

**Victoria Kopp**

Researcher | Firjan - SENAI Innovation Institute for  
Biosynthetic and Fibers



**Utilizing waste biomass via  
innovative thermochemical  
conversion to produce high  
quality products**

**Robert Daschner**

Head of Department | Fraunhofer  
UMSICHT



**Mini Green Power compact  
solutions to dry and convert  
biomass in low-carbon  
heat/power/biochar**

**Servane Gadou-Gueny**

Export Sales Director | Mini Green Power



**Flying the Future: Advances  
in Aviation Fuels at the Joint  
BioEnergy Institute (JBEI)**

**Blake Simmons**

Chief Science and Technology Officer | Joint  
BioEnergy Institute



**Driving Bankability of  
FuturoL Lignocellulosic  
Biorefineries / Finance and  
R&D: Two Sides of the Same  
Coin**

**Emilia Knospe**

Technologist BIO | Axens



**CHAIRPERSON**  
**Ludo Diels**  
Senior Advisor  
VITO

**9:00 AM - 10:30 AM**

**KET 10**

**La Sarine (2<sup>nd</sup> Floor)**

## **KETs for Circular Design: From Waste Streams to Functional Materials**



**Valorization of by-products into bio-inspired sustainable materials**

**Manon Guivier**

Postdoctoral researcher | Adolphe Merkle Institute



**Closing the loop of potato starch valorisation: starch from wastewater and rejected potato pieces for its use as thermoplastic starch in potato seed cultivation**

**Laura Villacian**

R&D Project Manager | Tecnopackaging



**Rethinking Sludge End-of-Life: From Waste to Valuable Bio-Resources**

**Alisar Kiwan**

R&D Manager | B-Plas sbrl



**Valorising Industrial Side Streams into Mycelium-based Materials: Innovative Biotechnological and Design Approaches**

**Marc Rüger**

Scientist | Anhalt University of Applied Sciences



**Upcycling food residues to sustainable fatty acids: how open mixed culture fermentation can turn chemistry circular**

**Maurice Oltheten**

Head of R&D | ChainCraft



**Better by Nature: Upcycling organic waste into plastic-free industrial performance materials**

**Beat Karrer**

Founder & CEO | FLUIDSOLIDS® Biocomposites



**9:00 AM - 10:30 AM****Startup  
Workshop 3****Le Chalet (1<sup>st</sup> Floor)****Structuring a sales approach that transforms corporate complexity into scalable revenue**

This workshop provides B2B tech start-ups with a clear, repeatable framework to approach, engage, and sell to corporates with credibility and impact. Based on proven Sandler sales principles, the session challenges conventional selling assumptions and refocuses founders on buyer alignment, decision-making dynamics, and balanced risk in sales conversations. The objective is to shorten sales cycles, avoid poorly qualified opportunities, and build durable corporate relationships.

Participants gain practical sales tactics, stronger execution discipline, and the mindset shift required to sell effectively within complex corporate environments. Delivered in partnership with Bertrand Klaiber from Tech4regen | EPFL, the workshop is led by Bill Morrison, founder of Sandler Training in Switzerland.

**WORKSHOP FACILITATOR****Bill Morrison**

Managing Partner | Sandler Training

**For more information access: <https://bioket.tech/#program>**

**11:00AM - 1:00 PM**

## Plenary Session 3

### Reprogramming Nature: Biosolutions for the Future of Food



**Luuk Van  
Der  
Wielen**

Director

**Bright at DTU**

**Chairman**



**Morten  
Sommer**

Scientific  
Director

**Bright at DTU**

**Keynote  
Speaker**



**Randi  
Wahlsten**

CEO

**MATR Food**

**Keynote  
Speaker**



**Benoît  
Goldsmichdt**

Open Innovation  
Director

**BEL Group**

**Keynote  
Speaker**



**Thomas  
Bomhoff**

VP sustainability  
& External  
Engagement

**Novonosis**

**Keynote  
Speaker**

## Round Table



**Benoît  
Goldsmichdt**

Open Innovation  
Director

**BEL Group**



**Thomas  
Bomhoff**

VP sustainability  
& External  
Engagement

**Novonosis**



**Leandro  
Buchmann**

Head of  
Bioprocessing

**Bühler**



**Ian  
Marison**

Co-founder and  
Chief Scientific  
Officer

**Planetary**

## Site Visit 1

### **Liebherr Visit - Insights into pioneering technologies**

**1:30 PM - 5:30 PM**

As we move towards a sustainable future, we present the innovative drive systems that we are working on in detail. Let our diverse portfolio of future-oriented drive technologies inspire you. In the near future, new products will be launched that are powered by hydrogen and fuel cells as energy converters. The first hydrogen-powered Liebherr R9XX H2 crawler excavator was already presented at Bauma 2022 and won the Innovation Award. During the visit you will experience the LMB state-of-the-art test benches as well as the partnership between companies to promote hydrogen infrastructure.

**LIEBHERR**



## Site Visit 2

### Bluefactory - ChemTech - Marly Innovation Center

**1:30 PM - 6:00 PM**

This visit offers an in-depth immersion into the Fribourg innovation ecosystem. It begins at the Bluefactory site, an innovation hub located in the heart of Fribourg that brings together start-ups, research institutes and support organisations. Participants will discover either the applied research institute specialising in plastics and polymers, or the Biofactory Competence Center, dedicated to applied biotechnologies.

The visit will then continue on the ChemTech, which provides pre-industrialisation infrastructures dedicated to green chemistry. This environment supports the early scale-up phases of innovative projects such as Bloom and Seprify, whose experiences will be presented. At the end of this stage (around 4:30 pm), participants with travel constraints will be able to reach Fribourg railway station easily by bus.

The visit will conclude at the Marly Innovation Center, a major innovation site developing a hub focused in particular on green chemistry. Visitors will have the opportunity to discover the iPrint, an international centre of excellence in printing technologies, illustrated through a project involving the printing of bio-sourced materials.

The return is scheduled via Fribourg railway station, followed by Forum Fribourg, with final arrival around 6:00 pm.



## Site Visit 3

### AgriCo Site Visit

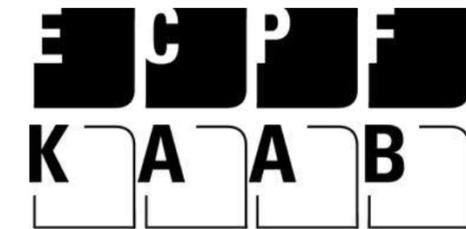
As part of Bioket.tech 2026, participants are invited to discover AgriCo, the Swiss campus dedicated to agri-food, biomass, and biotechnological innovation.

This visit offers a unique opportunity to explore how biotech-driven solutions — such as efficient production-site, precision agriculture, insect-based systems, and algae cultivation — are being developed, tested, and scaled on the site.

AgriCo represents a living ecosystem for circular bio-innovation, where industrial players, research institutions, and start-ups collaborate to transform biological resources into high-value products for food, materials, and energy applications.



**1:30 PM - 5:30 PM**





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